ORIGINAL

EX PARTI.

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LEC Lines Lost and Gained from UNE-P, etc., 12 months to 3Q 02

January 10,2003

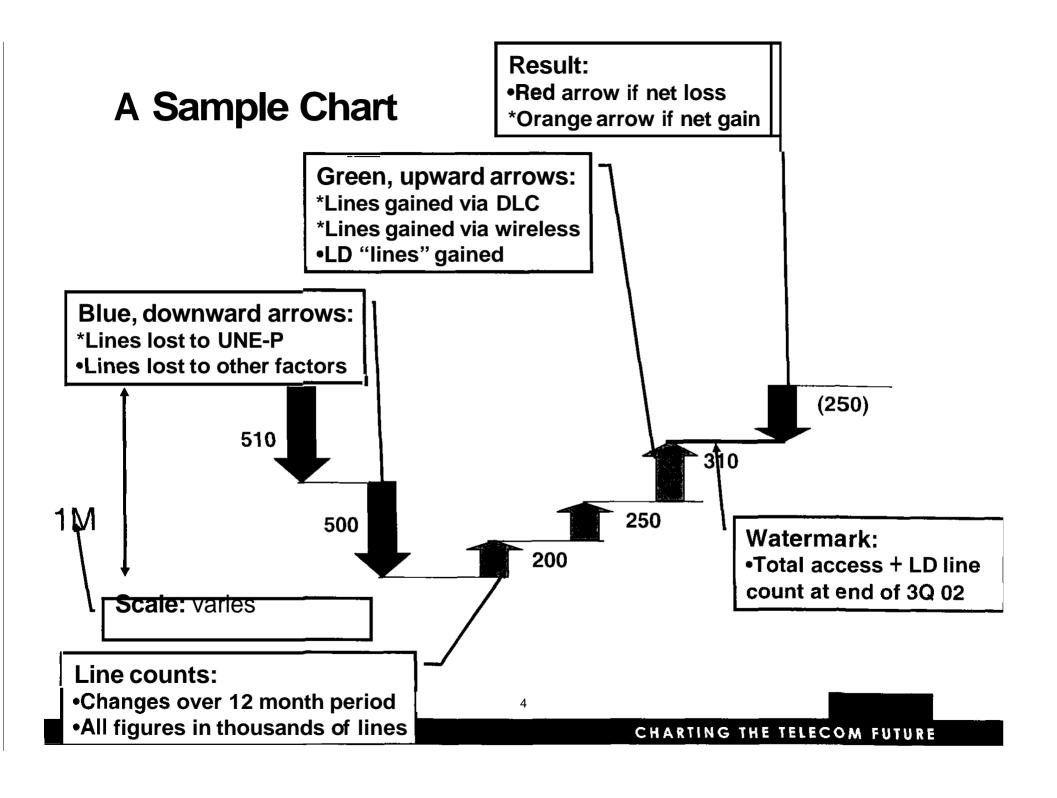
www.rhk.com

- For each ILEC, current (as of 3Q 02) data on:
 - Lines lost to UNF-P
 - Lines lost to other factors
 - Lines gained through DSL, wireless, long distance
 - Sources: except as noted, the only sources used are the ILECs own financial/investor relations records, as seen at their websites
 - ❖ BLS published records on UNE-P, LD are incomplete
 - SBC currently has inaccurate data on its site
 - Duplicate data for 2Q 02 and 3Q 02
 - The firm has been notified

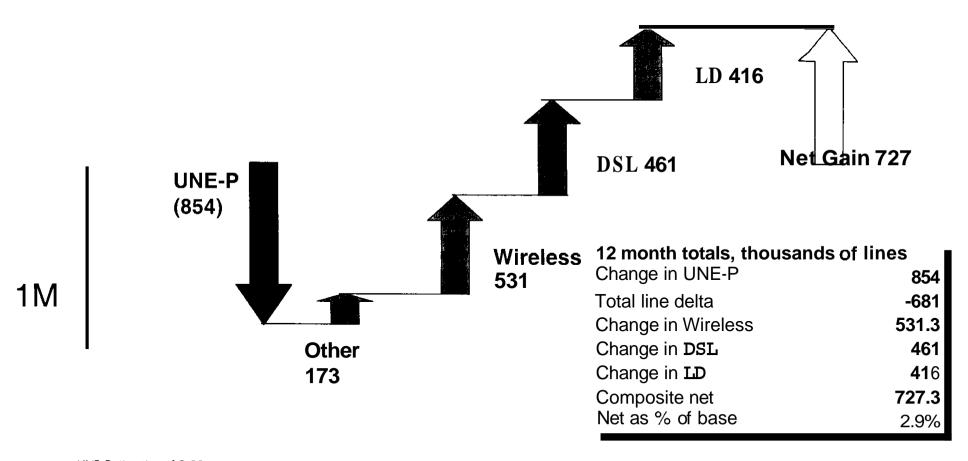
Line Loss? Line Gain?

- Line Loss to UNE-P data from websites;
 - Does not include UNE-L or service resale
- Other factors causing line loss include:
 - Migration from wireline to mobile
 - Substitution of DSL (or cable modem) for wireline
 - Upgrade to fractional T1
 - Cancellation of service
 - Deletion of line from SP records

- Line gains:
 - quasi-obvious are the "substitutions" ... DSL and mobile
 - less obvious is capture of the LD business. This is made valid and relevant only because of the explicit quid pro quo of section 271 relief



BellSouth

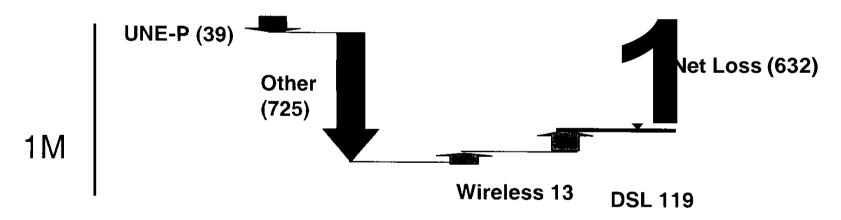


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BellSouth: Notes

- Incomplete data available from BLS make analysis of its UNE-P situation tricky
- It appears that BLS's line loss is more completely due to UNE-P than for ILECs, and that, perhaps, favorable demographics (a rising population) is providing some platform of line growth behind the erosion due to UNE-P
- BLS is the junior partner in Cingular wireless, which did relatively poorly in 2002

Qwest



UNE-P situation, 3Q 02

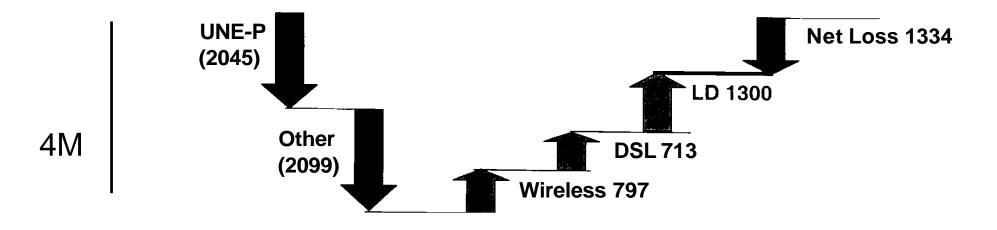
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Qwest: Notes

- Q has no LD gain, because it has not yet received 271 relief
 - It operates as an LD service provider outside its own ILEC region; these data are NOT included here
- Q has also gained only marginally from the surge in wireless/mobile
- On the other hand: it has lost the least to UNE-P
 - Absolute: 39k lines; Percentage: 0.2%
 - Assuredly because of the relatively "undesirable" cities in the Q region

SBC

12 month totals, thousands of lines	
Change in UNE-P	2045
Total line delta	-4144
Change in Wireless	797
Change in DSL	71 3
Change in LD	1300
Composite net	- 1334
Net as % of base	-2.6%



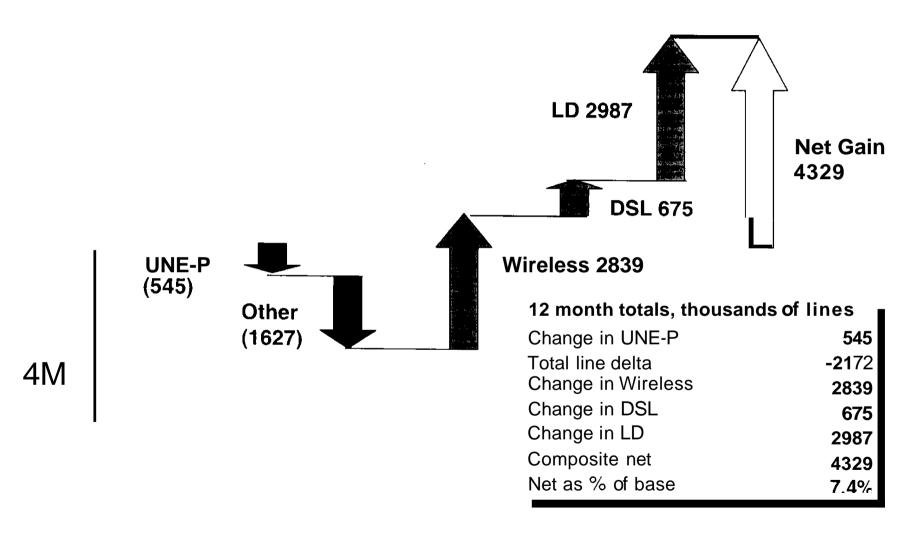
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SBC: Notes

- SBC has lost the most lines to UNE-P
 - 2M -- ~4% of its 52M line base
- One factor is that T, WCOM have been aggressive in entering Calif., local services through UNE-P ...
 while SBC's entrance into Calif. LD has yet to unfold
- Another factor that dampens its showing is that Cingular, which it controls w/ BLS, did rather poorly in 2002.
- Also: data @ www.sbc.com is incomplete and inaccurate

Verizon



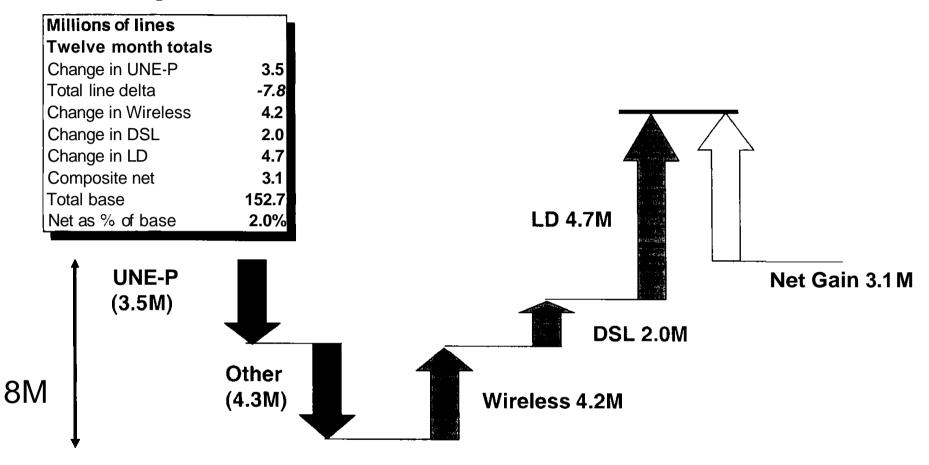
UNE-P situation, 3Q 02

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Verizon: Notes

- VZ has:
 - The 2nd lowest UNE-P capture rate (as % of total lines)
 - ❖ 0.9% of its 58.6M lines
 - The most aggressive entrance into LD
 - ❖ Making VZ the 3rd largest LD in U.S.

Composite: Net for All 4 ILECs Combined



Conclusions

- UNE-P accounts for less than half of the loss of access lines in 12-month period to 3Q 02
- RBOC line loss to UNE-P, in units and in aggregate, is slightly smaller than RBOC line gain in LD
 - 3.5M lines lost to UNE-P; 4.7M lines gained in LD
 - In plain language: even though LD entrance comes after passing the 14-point test that includes fairness in unbundling, RBOCs have already gained more LD accounts in units than the number of local accounts they have lost through UNE-P

Caveats

- This analysis focuses on units. In this context, it seems that the LD local *quid pro quo* of section 271 relief/unbundling has proceeded reasonably well, with neither side gaining the upper hand
 - More plainly: RBOCs are approximately holding their position, even gaining some ground, despite open competition from MSOs (cable modems, cable telephony), IXCs & CLECs (through UNE-P) and competition in mobile voice services
- This analysis does not speak to revenues (e.g., whether TELRIC is a fair mechanism for compensating RBOCs), nor to the long-term use of UNE-P as an appropriate basis for competition on grounds other than those shown here.